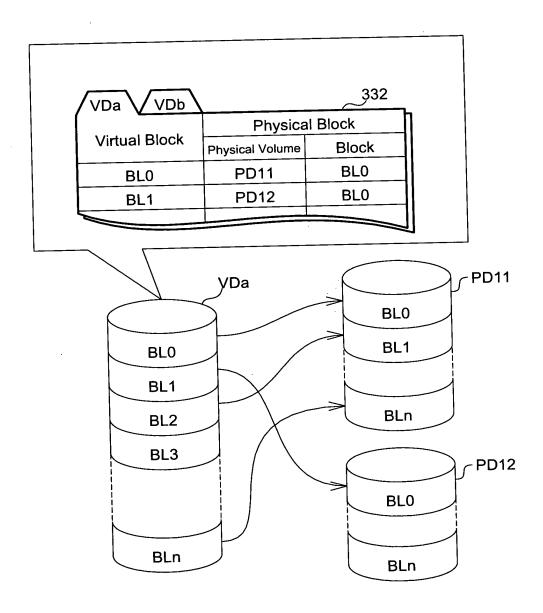


334	IP Address	IPa			
	Attribute	Personal	Personal	Shared	
	Virtual Volume	VDa	VDb	VDc	
	Password	* * * * *	****	* * * * * * * * * * * * * * * * * * * *	
Fig.3	User ID	User A	User B	User C	

Fig.4



	Write in Disk		OK	9 - -	NG 	OK .	
232	Cache Block	Block	BL0	BL1	BLO	BL3	
		Storage location	Disk	Memory	Memory	Disk	
	Block	Block	BL0	BL0	BL1	BL2	
	Virtual Block	Virtual Volume	VDa	ΛDb	VDa	VDb	

Fig.5

-	333	-		Da			·	
Write In	ul e	Cache	NG	NG	• •	OK	NG	
	Write	Physical Volume	PD11	PD12	• •	PD21	PD12	• •
	Out	Cache	OK	NG		OK	NG	
Read	Read Out	Physical Volume	PD11	PD12	•	PD21	PD12	
	Virtual Volume		VDa			VDb		

Fig.6

Fig.7

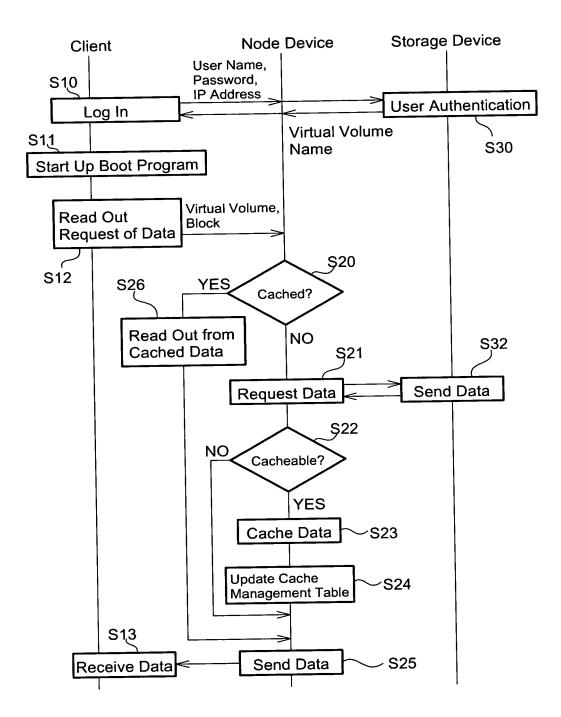
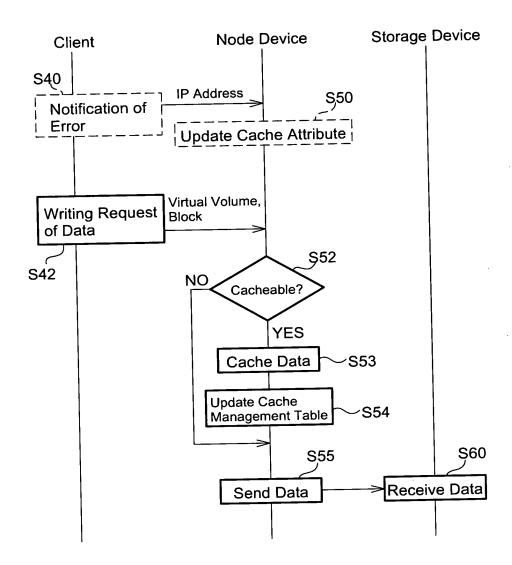


Fig.8



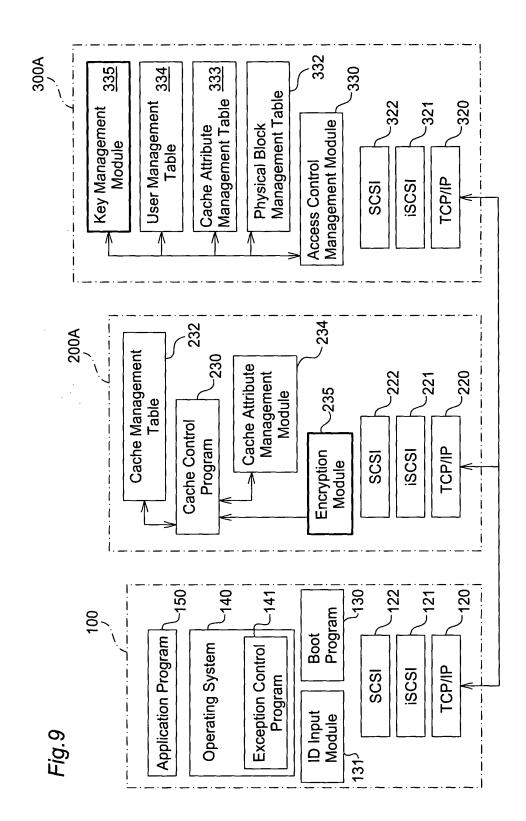


Fig.10

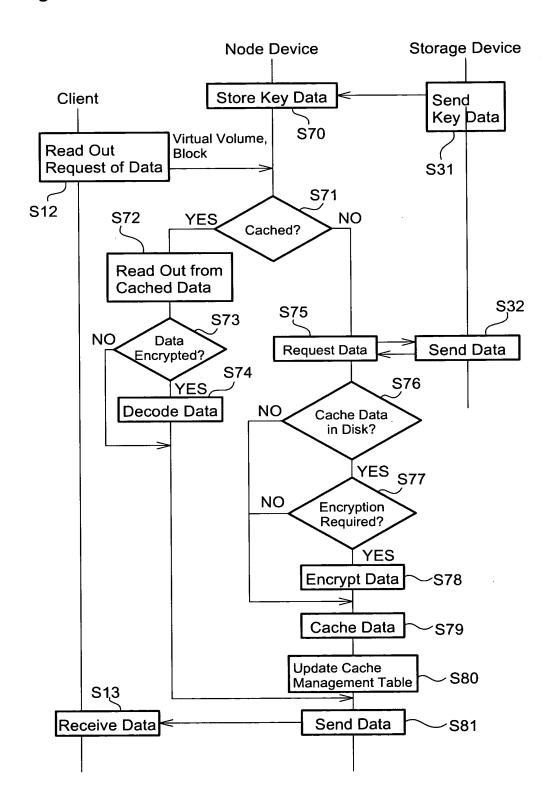
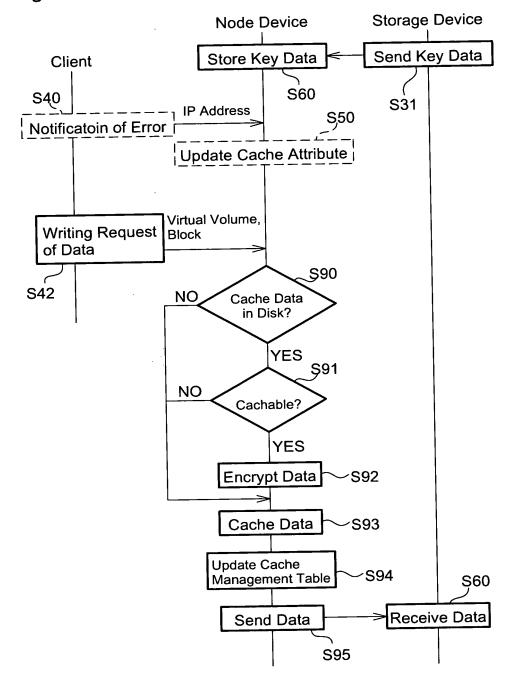


Fig.11



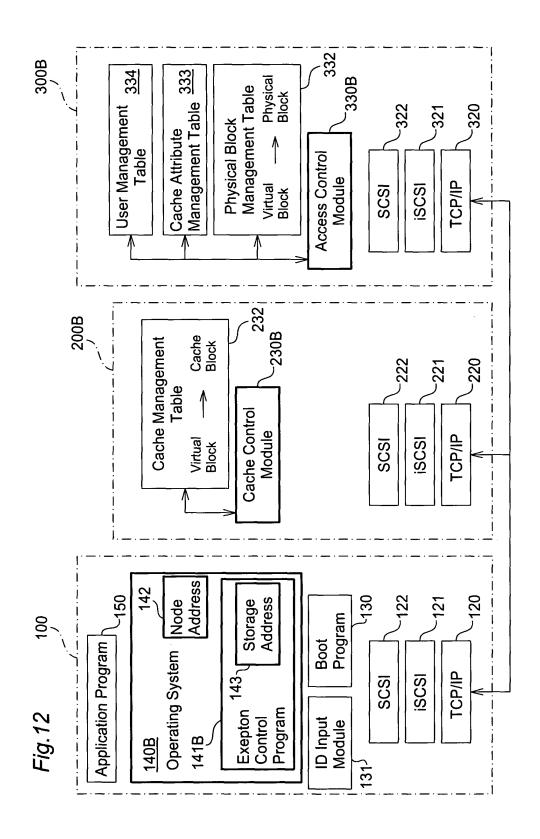


Fig.13

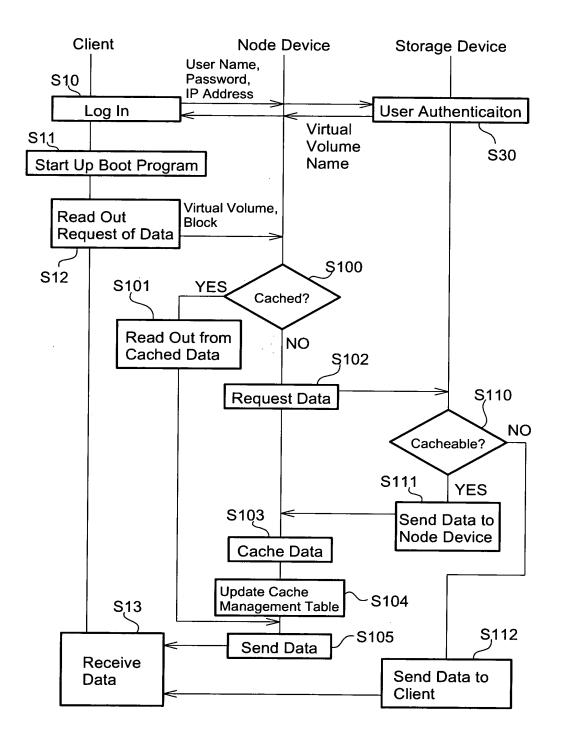


Fig.14

